



(WO/2004/110988) PROTEASE INHIBITORS

Biblio. Data	Description	Claims	National Phase	Notices	Documents
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Latest bibliographic data on file with the International Bureau

Publication Number: WO/2004/110988 International Application No.: PCT/DK2004/000421
Publication Date: 23.12.2004 International Filing Date: 17.06.2004
Chapter 2 Demand Filed: 18.04.2005

Int. Class.: C07C 255/29 (2006.01), C07C 255/44 (2006.01)

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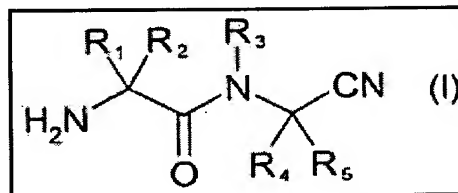
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Priority Data: PA 2003 00905 18.06.2003 DK
60/479,961 19.06.2003 US

Title: PROTEASE INHIBITORS

Abstract: A peptidyl nitrile of the general formula (I) or a pharmaceutically acceptable salt or prodrug thereof, is capable of selectively inhibiting dipeptidyl-peptidase I (DPP-I), also known as cathepsin C. A compound of the invention is useful as an active substance for the treatment of inflammation, type 2 diabetes, asthma, severe influenza, respiratory syncytial virus infection, CD8 T cell inhibition, inflammatory bowel diseases, psoriasis, atopic dermatitis, Papillon Lefevre syndrome, Haim Munk syndrome, gun disease, periodontitis, rheumatoid arthritis, Huntington's disease, Chagas' disease, Alzheimer's disease, sepsis or for application in target cell apoptosis.



Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW)
Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)
European Patent Office (EPO) (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR)
African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Publication Language:

English (EN)

Filing Language:

English (EN)